

Gap fraction

Gap fraction vs  $|\Delta y|$  for  $210 < \sqrt{s} < 240$ , Fwd/Bwd

10

1

 $10^{-1}$  $10^{-2}$  $10^{-3}$ 

- ATLAS
- △— Pythia 6.428 370
- - ▲ - - Pythia 6.428 371
- - ▼ - - Pythia 6.428 372
- - ● - - Pythia 6.428 376

(ATLAS\_2011\_I917526)

Ratio to ATLAS

2

1

0.5

0

2

4

6

 $|\Delta y|$ Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

2

1

0.5